

SYSTEMS AND METHODS FOR A TONGUE AND GROOVE ARRANGEMENT FOR AN ELECTRONIC MODULE AND AN EQUIPMENT RACK

Abstract of the Disclosure

The invention is related to methods and apparatus for inserting and/or holding electronic modules into equipment racks. For example, the electronic module can correspond to a power supply, and the equipment rack can correspond to a shelf for a standardized equipment rack. One embodiment includes a handle that is movable from a first position to a second position. A power supply is inserted into an equipment rack with a handle in a first position. The first position of the handle permits partial insertion of the power supply, thereby permitting electrical connection of pre-charge contacts. The handle is then moved to a second position, thereby pulling in the power supply and permitting regular power contacts to make an electrical connection. One embodiment further includes a tongue and groove arrangement to prevent vertical displacement of an electronic module.

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